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P 103

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AUTH: [redacted]
DATE 5/10/13 REVIEWER: 037169

9 November 1953

50X1

MEMORANDUM FOR: THE RECORD

SUBJECT: Meeting with [redacted] (P-60B, P-102 and P-103)

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1. Time and Place of Meeting:

1 October 1953, in a private car at Haines Point.

2. Attendance:

[redacted]

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3. Purpose:

To discuss the status and progress of the task on modifying the ultraviolet fluorescent auto collimator, and the task on indexing and cataloguing of transducers and control systems.

4. Discussion:

a. [redacted] brought up the question of what source should be used in conjunction with the auto collimator. He had proposed that a 400-watt source be used, and had submitted a diagram of a typical air field and the angles and distances involved in viewing an auto collimator from the air. It was explained to him that the original task was simply for the re-working of the auto collimator, and that any new work would require another proposal from [redacted] It was stated that APD would be interested in looking at another proposal for the development of an optimized ultraviolet source which could be mounted on a C-47-type aircraft, and that the source should be 1,000 watts, rather than the 400 watts discussed in previous correspondence. It was explained that such a system using unimproved auto collimators and a 1,000-watt source had been tried and found successful, and that the results of previous efforts would be coordinated with [redacted] efforts in the completion of a night landing system.

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b. [redacted] said that [redacted] had examined a McBee punch card system which could contain the information concerning the transducers and control systems which they are indexing and cataloguing under P-102 and P-103.

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This system could use/

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This system could use a machine or a special pick for selecting transducers with specified characteristics and is more flexible than most systems of this type. The problem of how many pieces of information (characteristics of transducers, manufacturer, etc.) each card should be capable of handling was discussed and it was agreed that [redacted] should submit a list of proposed characteristics for APD examination, change or approval. 50X1

5. Actions:

a. [redacted] 50X1

(1) Submit a proposal for the development and test of ultraviolet light source installation on a C-47 type aircraft.

(2) Submit a report on the McBee punch card system.

b. APD -

(1) Act on the proposal and report submitted by [redacted] 50X1

[redacted] 50X1

T3S/APD

Distribution:
Addressee - Orig.(P-60B)
1 - (P-102)
1 - (P-103)
APD - Chrono

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